NOTICE OF INTENT (NOI) LETTER

FOR ING490000 SAND & GRAVEL GENERAL NPDES PERMIT

State Form xxxxx [not yet approved]

Approved by State Board of Accounts [year]
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Mail this form and required attachments to:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Office of Water Quality, General Permits Coordinator 100 North Senate Avenue, IGCN Room 1255 Indianapolis. IN 46204-2251

Web Address: www.lN.gov/idem/4869.htm rev. 10/24/14

INSTRUCTIONS

- This form must be used to apply for coverage under the General NPDES Permit for wastewater from sand, gravel, crushed stone, and dimensional stone operations pursuant to NPDES Permit No. ING490000.
- Please type or print in ink. Do not use white-out to correct errors. Strike-through and initial any corrections.
- Further item-specific instructions are provided in Appendix A at the end of this form.

For questions regarding this form, the required attachments, and permit requirements, contact the IDEM General NPDES Permits Coordinator at telephone number (317) 232-8703 or (800) 451-6027, ext 28703 (within Indiana).

ELIGIBILITY REQUIREMENTS

This general permit regulates wastewater discharges from sand, gravel, dimension stone, and crushed stone operations. These include sedimentation basin treatment for pit dewatering, channel machines, broaching, jet piercing, scrubber water from wet scrubbers used for air pollution control, dust suppression spray water, wash water from spray bars for final screening operations, and noncontact cooling water for cooling of crusher bearings, drills, saws, dryers, pumps, and air compressors.

Coverage does not apply to the following:

- Discharges that will result from onsite operations utilizing flotation agents (organic amines, fatty acids, pine oils) to remove impurities from marble or other carbonaceous rock,
- 2. Discharges that will result from onsite industrial sand operations utilizing acid flotation to effect removal of iron oxide and ilmenite impurities,
- 3. Discharges that will result from onsite industrial sand operations utilizing hydrofluoric acid flotation for removal of feldspar,
- 4. Discharges that will result from onsite industrial sand operations utilizing alkaline flotation to remove aluminate bearing materials.
- 5. Discharges that will result from onsite industrial sand operations utilizing an acid leaching process (pertaining to the removal of iron from feldspathic sand for use in glass manufacturing),
- Direct discharges to any water designated as an Outstanding National Resource Water defined at IC 13-11-2-149.5 or an Outstanding State Resource Water (OSRW) defined at IC 13-11-2-149.6 and listed at 327 IAC 2-1.3-3(d) (see www.IN.gov/idem/4869.htm),
- Discharges to a waterbody that is on the current 303(d) list of impaired waters, or that will result in an increase in the ambient concentration of a pollutant which contributes to the impairment of the waterbody for that pollutant as identified on the current 303(d) list (for more information see www.IN.gov/idem/4869.htm),
- Discharges containing water treatment additives that have not received prior written approval from IDEM for the specific additive, use, and dosage at the particular facility for which this Notice of Intent (NOI) is being submitted (see www.IN.gov/idem/4869.htm),
- 9. Discharges that are subject to 40 CFR 122.26, specifically section (a)(4) (see Appendix A)
 - Echecking this box I certify that this facility meets all eligibility requirements of this general permit.

APPLICATION 7	YPE
NEW	[]
RENEW	[]
MODIFICATION	[]
PERMIT NUMBER IF APPLI	CABLE:
OTHER PERMIT NUMBER(S APPLICABLE TO SITE:	5)
DESCRIPTION OF PROPOS MODIFICATION IF APPLICA	

PART A: GENERAL INFORMAT	ION FOR FA	ACILITY				
1. FACILITY NAME (see Appendix A)						
2. FACILITY MAILING ADDRESS (see Ap	pendix A)		3. FACILITY PHYSICAL LOG	CATION (see Ap	oendix A)	
STREET ADDRESS			STREET ADDRESS			
CITY	STATE	ZIP CODE	CITY		STATE	ZIP CODE
 PARENT COMPANY/OWNER'S COMPL (see Appendix A) 		DDRESS	5. FACILITY SIC CODE (see Appendix A)	6. FACILITY	COUNTY	
COMPANY NAME			(coc) apportant ty			
STREET ADDRESS			7. LATITUDE AND LONGIT	JDE OF FACILIT	Y ENTRANCE	(see Appendix A)

			L	atitude		Lo	ngitude	
			<u>degree</u>	<u>minute</u>	<u>second</u>	<u>degree</u>	<u>minute</u>	<u>Second</u>
CITY	<u>STATE</u>	ZIPCODE						
8. What is the nature of the primary bu	siness conduct	ed at the facility or	site? (Exa	mple: limesto	ne mined an	d processed	at site)	
		•	*	•		•		
9. Provide a brief description of the facility operations that result in the discharge. (see Eligibility Requirements above for examples).								
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responsible official wishes to delegate signatory authority for	as the authorization to sign this NOI in accordance with 40 CFR 122.22. If the or reports and other correspondence related to this NOI, that delegation must be made in ner via this NOI or via a letter (signed and dated by the responsible official) which shall nis form.
10. NAME OF RESPONSIBLE OFFICIAL	11. DELEGATED SIGNATORY PERSON (OR POSITION) FOR SIGNING REPORTS AND FILING ADDITIONAL NOI CONTENT REQUIREMENTS
. RESPONSIBLE OFFICIAL'S TITLE	DELEGATED SIGNATORY PERSON'S TITLE or POSITION
RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER	DELEGATED SIGNATORY PERSON'S TELEPHONE NUMBER
RESPONSIBLE OFFICIAL'S FACSIMILE NUMBER	DELEGATED SIGNATORY FACSIMILE NUMBER
. RESPONSIBLE OFFICIAL'S PERSON'S EMAIL ADDRESS	DELEGATED SIGNATORY PERSON'S EMAIL ADDRESS

PART C: OTHER CONTACT INFORMATION			
12. DISCHARGE MONITORING REPORTS CONTACT AND MAILING INFORMATION	CONTACT PERSON AND COMPANY NAME		
CONTACT TELEPHONE NUMBER	STREET ADDRESS		
CONTACT EMAIL ADDRESS	CITY	STATE	ZIP
13. ANNUAL FEE & FINANCIAL CONTACT AND BILLING ADDRESS	CONTACT PERSON AND COMPANY NAME		
CONTACT TELEPHONE NUMBER	STREET ADDRESS		
CONTACT EMAIL ADDRESS	CITY	STATE	ZIP
14. OTHER CONTACT AND MAILING INFORMATION (as necessary)	CONTACT PERSON AND COMPANY NAME		
CONTACT TELEPHONE NUMBER	STREET ADDRESS		

15. 16. OUTFALL LATITUDE		4		ONGITU	Control Control Control	17. RECEIVING WATER		18. FOR ANY DISCHARGE INTO A STORM SEWER		βE	19. ANTICIPATED DAI		
	deg	min	sec.	deg.	min.	sec.	(see Append			TIFY THE STORM SE		MGD AND M	
Existir	following Sour	ng infor	mation	for all o	utfalls/di	scharge				ou may attach addit olumn, unless waive			
New E						en, prov			d value	below, unless waive (see Appendix A)	ed by th		
				20.		(1) Maximu Daily Va nclude u	ilue	21.	Avera Value ((2) age Daily (last year) de units)	Ni Mea	(3) o umber of surements Taken	Source of Estimate (if new
Biochemical Oxygen Demand (BOD)			Mass		Concentration	Ma	SS	Concentration	- (la	ast year)	discharger)		
Total Suspe	nded So	lids (TSS	3)										
ecal coliforn resent) (uni otal Residu hlorinated v Dil and Grea	its in cou al Chlori vater is u	nt/100 m ne (if chl	ıl)				O _F ,						
Ammonia (a:													
Discharge Fl	low			VALU	JE in MGD	·		VALUE IN	MGD				
Temperature	(Winte	r) (in °F)										
Temperatur	e (Sumr	mer) (in ^c	°F)										
pH (S.U.) MINIMUM		MAXIMUM											
NADT E	10/0 T	-n -n	- A T. A #	-AIT AI	NDITIN/	FA							
PART F:	out the t those th use at th	following nat have ne time	g addition been poof this s	onal info previous submitta	rmation ly appro l. You n	about the ved for nay atta	use at this site b ch additional she	y the India eets if nec	ana Dep essary.	ote that the only add eartment of Environr (see Appendix A	nental	hat may be u Management	sed under this and that are
Iready in u							VES (WTAs) TO PPROVAL LETT			VTA TO BE USED)			
ermit are Iready in t 3 . OUTF NO.	ALLZ.	\F											

CITY

CONTACT EMAIL ADDRESS

PART G: IDENTIFICATION OF POTENTIALLY AFFECTED PERSONS

STATE

ZIP

25. Pursuant to IC 4-21.5 each applicant for general permit coverage is required to provide a listing of all persons who are potentially affected by the discharge(s) to be covered under the general permit. **PLEASE NOTE THAT MAILING LABELS ARE ALSO REQUIRED WITH THIS SUBMITTAL**. (See instructions in Appendix A).

Please list here any and all persons whom you have reason to believe have a substantial or proprietary interest in this matter, or could otherwise be considered to be potentially affected under the law. Failure to notify any person who is later determined to be potentially affected could result in voiding our decision on procedural grounds. To ensure conformance with AOPA and to avoid reversal of a decision, please list all such parties. Attach additional names and addresses on a separate sheet of paper, as needed.

all such parties. Attach additional names and addresses on a separate sh	neet of paper, as needed.
Name:	Name:
Street address:	Street address:
City/State/ZIP code:	City/State/ZIP code:
Name:	Name:
Street address:	Street address:
City/State/ZIP code:	City/State/ZIP code:
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Name:	Name:
Street address:	Street address:
City/State/ZIP code:	City/State/ZIP code:

PART H: ADDITIONAL REQUIRED ATTACH	

26. PROOF OF PUBLICATION

The NOI letter must also contain proof of publication of the following statement in a newspaper of largest circulation in the area of the discharge:

(Facility name, address, address of the location of the discharging facility) "is submitting a Notice of Intent to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under National Pollutant Discharge Elimination System (NPDES) general permit ING490000 to discharge process wastewater from a sand, gravel, crushed stone or dimensional stone operation. Discharge will be to (the name(s) of the stream(s) or other water body(ies) receiving the discharge(s)"

This publication must be in the newspaper for a minimum of one day. Be advised that notices without the proper information will not be sufficient, and IDEM will require that a new public notice be placed in the newspaper. If the proof of publication is not available a legible photocopy of the article that contains the name of the newspaper and the date the article was run is also acceptable. Please attach proof of publication of this statement from the newspaper to the NOI.

27. REQUIRED MAPS

A topographical map must be submitted with this NOI. The map must include the following items:

- (A) the location of the operation shown clearly and identified by name and by mark;
- (B) the location of each numbered outfall shown clearly and identified by number and by mark;
- (C) the receiving streams that each outfall discharges to shown clearly and identified by name; and
- (D) any existing permanent structures or roads in the area shown clearly and identified by name.

A site map must be submitted with this NOI as well. The site map must show and identify the significant structures, including all sedimentation basins, all outfall and sampling locations, and any flow paths from basin to outfall on the property.

28. FLOW SCHEMATIC DIAGRAM

A flow schematic diagram for each outfall that is to be permitted must be submitted with this NOI. This diagram should show the path that the process wastewater travels through the facility to the point where it is discharged. If multiple outfalls will follow essentially the same path, these outfalls may be included on one diagram. Please illustrate the diagrams with applicable text describing the nature of the discharge from each outfall.

PART I: APPLICATION FEE

29. A \$50 fee is required to be submitted with this NOI in accordance with IC 13-18-20-12. The \$50 fee is applicable for each new permit, renewal, or modification. (Updates to information in Parts B and C shall not be subject to the \$50 fee for modifications.) Checks or money orders shall be made payable to IDEM.

PART J: SIGNATORY CERTIFICATION STATEMENT

30. The NOI must be signed by the Responsible Official (as identified in Part B, item 10. Also see Appendix A):

"I certify under penalty of law that this document and all its attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

3	
Printed or Typed Name of Responsible Official	Title
Signature	Date signed

PART K: 31. Please use the address at the top of page 1 of the NOI form to submit completed NOI form, attachments, and fee.

APPENDIX A: SUPPLEMENTAL INSTRUCTIONS

APPLICATION TYPE: For the purposes of this form, a modification would consist of removing an existing outfall, adding an outfall in a new location, updating the quantity of discharge anticipated, or updating your wastewater characterization if it is determined that an actual value differs significantly from what you stated on a previous submittal. Please note that outfall locations are considered, for the purposes of this permit, to be discrete points. If you relocate an outfall, you must apply for a modification to remove the outfall at the previous location, and add a new outfall, with a new outfall number, to the permit.

Changes in contact information must be reported, but you may do so with a letter signed by the signatory (Part B Item 10) or delegated signatory authority (Part B Item 11). An NOI modification submittal and fee are not required.

ELIGIBILITY REQUIREMENTS Item 8: Prior written approval from IDEM is required for any substance that is to be added to the water that is to be discharged. A copy of this approval must be submitted with your NOI form. To obtain this approval, see State Form 50000 (found at http://www.in.gov/idem/4869.htm).

ELIGIBILITY REQUIREMENTS Item 9: 40 CFR 122.26 (a)(4) refers to discharges that are comprised of storm water only that are related to industrial activity, and that discharge through a large or medium municipal separate storm sewer system. Discharges subject to 40 CFR 122.26 must be permitted under the General Permit for Industrial Stormwater and would not be covered under general permit ING490000. The discharges this would apply to is dependent on the SIC code that best fits the primary activity at the site. 40 CFR 122.26 may be found at http://www.ecfr.gov

<u>Part A, item 1</u>: Enter the name of the specific site location that is to be permitted. This will be a unique name to identify this single site in correspondence and conversation.

Part A, Items 2 and 3: If the physical location is the same as the mailing address of the site to be permitted, then both of these sections will be the same. In this case you may fill in the first box and use the word "same" in the second box. However if the mailing address is not sufficient to allow a person who wishes to visit the site to find, it then section 3 should be a description of where the site itself is located. You may attach additional sheets if the boxes provided do not offer sufficient space to provide a proper location description.

<u>Part A, Item 4:</u> Enter the name and mailing address of the company that owns the site. For example if "ABC Stone company" owns quarries at several locations, then "ABC Stone Company" and location of ABC Stone Company's signatory (see Part B, item, 10, below) would be listed here.

Part A, Item 5: Enter the four digit Standard Industrial Classification (SIC) code which identifies the facility's primary activity. SIC codes can be obtained from the Standard Industrial Classification Manual, 1987, by accessing the Occupational Safety and Health Administration (OSHA) website at http://www.osha.gov/oshstats/sicser.html, or by contacting the Indiana Department of Workforce Development at (317) 232-7458.

Part A, Item 7: The latitude and longitude of the entrance to the facility must be in the degrees/minutes/seconds format. Longitude and latitude can be obtained from United States Geological Survey (USGS) quadrangle or topographic map, by calling (888) 275-8747, or by accessing a locational website at http://www.geocode.com and conducting a search based on the facility street address. You may also access this information with the use of a handheld GPS unit at the site.

Longitude and Latitude in decimal degrees may be converted to degrees/minutes/seconds for proper entry on the NOI by following this example:

Convert decimal latitude 45.1234567 to degrees/minutes/ seconds

- 1. The numbers to the left of the decimal point are degrees: 45.
- 2. To obtain minutes multiply the first four numbers to the right of the decimal point by 0.006: 1234 x 0.006 = 7.404
- 3. The numbers to the left of the decimal point in the result obtained in (2) are the minutes: 7
- 4. To obtain seconds multiply the remaining three numbers to the right of the decimal from the result obtained in (2) by 0.06: 404 x 0.06 = 24.24.
- 5. Since the numbers to the right of the decimal are not used the result is 24 seconds.
- 6. The conversion for 45.1234567 is 45 degrees, 7 minutes, and 24 seconds.

Part B, item 10: The Responsible Official must meet one of the following requirements:

- a) For a corporation the official must be a responsible corporate officer, which means either of the following:
 - (1) A president, secretary, treasurer, any vice president of the corporation in charge of a principal business function, or any other person who performs similar policymaking or decision making functions for the corporation.
 - (2) The manager of one (1) or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- b) For a partnership or sole proprietorship the official must be a general partner or the proprietor, respectively.
- c) For a municipality, state, federal, or other public agency or political subdivision thereof the official must be either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency is:
 - (1) The chief executive officer of the agency, or
 - (2) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of U.S. EPA).

Part D, Item 15: Enter a three number designation for each point where you will discharge, for example, 001, 002, 003, etc.

Part D, Item 16, see Part A, Item 7, above.

Part D, Item 17: Enter the name of the water of the state to which you will discharge for each outfall, as either the body of water itself, if the discharge is direct, or taking into account tributaries, if applicable. EXAMPLE: "Stone Creek", or "Connor Ditch to Stone Creek"; or "unnamed tributary to Connor Ditch". Label all water bodies on site map as well.

Part D, Item 18: If the discharge first enters a storm sewer, which then carries it to waters of the state, then please provide the name of the owner of the storm sewer. EXAMPLE: "City of Muncie Department of Public Works" or "LaPorte Storm Sewer System".

<u>Part E, items 20 and 21</u>: All pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, and temperature). Total mass is the total weight of pollutants discharged over a day. Use the following abbreviations for units:

 Concentration
 Mass

 ppm.....parts per million
 lbs.....pounds

 mg/l....milligrams per liter
 ton.....tons (English tons)

 ppb.....parts per billion
 mg.....milligrams

 ug/l....micrograms per liter
 g.....grams

 kg......kilograms
 T......tonnes (metric tons)

 ng/l.....nanograms per liter

1. Existing Sources

You are required to provide at least one analysis for each pollutant or parameter listed that is known or believed to be present by filling in the requested information under the applicable column. Data reported must be representative of the facility's current operation (average daily value over the previous 365 days should be reported). Parameters not present should be marked N/A.

The pollutants or parameters listed are as follows: average flow, biochemical oxygen demand (BOD), total suspended solids (TSS), fecal coliform (if believed present or if sanitary waste is discharged), pH, total residual chlorine (if chlorine is used), temperature (winter and summer), oil and grease, and ammonia (as N). The analysis of these pollutants or parameters must be done in accordance with procedures promulgated in 40 CFR Part 136. Grab samples must be used for pH, temperature, residual chlorine, oil and grease, and fecal coliform. For all other pollutants a 24-hour composite samples must be used. Any further questions on sampling or analysis should be directed to (317) 232-8704 or OWQWWPER@idem.IN.gov.

The Commissioner may request that you do additional testing, if appropriate, on a case by case basis under Section 308 of the Clean Water Act (CWA). If you expect a pollutant to be present solely as a result of its presence in your intake water, provide this information on a separate piece of paper attached to the NOI form.

2. New Dischargers

You are required to provide an estimated maximum daily and average daily value for each pollutant or parameter (exceptions noted on the form). Sampling and analysis are not required at this time. If, however, data from such analyses are available, then such data should be reported. The source of the estimates should be provided in the second column of item 22. Base your determination of whether or not a pollutant will be present in your discharge on your knowledge of the proposed facility's use of maintenance chemicals, and any analyses of your effluent or of any similar effluent. You may also provide the estimates based on available in house or on contractor's engineering reports, or on any other studies performed on the proposed facility. If you expect a pollutant or parameter to be present solely as a result of its presence in your intake water, add this information on a separate piece of paper attached to the NOI form. In providing the estimates, use the codes in the following table to indicate the source of such information.

Engineering study Code

Actual data pilot plants	1
Estimates from other engineering studies	
Data from other similar plants	
Best professional estimates	
Others specify	
- Carlot	

3. Testing Waivers

To request a waiver from reporting any of these pollutants or parameters, the applicant (whether a new or existing discharger) must submit to the permitting authority a written request specifying which pollutants or parameters should be waived and the reasons for requesting a waiver. This request may be submitted to the permitting authority either before submitting the NOI, or with the NOI. The permitting authority may waive the requirements for information about any pollutant or parameter if he determines that less stringent reporting requirements are adequate to support approval of discharge permit coverage. No extensive documentation of the request will normally be needed, but the applicant should contact the permitting authority if he or she wishes to receive instructions on what his or her particular requests should contain.

Part F, Item 24: Water Treatment Additives may only be used at outfalls to be covered by this general permit if the applicant has received prior approval from IDEM. For more information, please contact us at (317) 232-8704 or OWQWWPER@idem.IN.gov.

Part G, Item 25: Identification of Potentially Affected Persons

The Administrative Orders and Procedures Act (AOPA) IC 4-21.5-3-5(b), requires that the Indiana Department of Environmental Management (IDEM) give notice of its decision on your Notice of Intent to the following persons:

- 1) Each person to whom the decision is specifically directed;
- 2) Each person to whom a law requires notice to be given;
- 3) Each competitor who has applied to the IDEM for a mutually exclusive license, if issuance is the subject of the decision and the competitor's application has not been denied in an order for which all rights to judicial review have been waived or exhausted;
- 4) Each person who has provided the IDEM with a written request for notification of the decision;
- 5) Each person who has a substantial and direct proprietary interest in the issuance of the (permit/variance);
- 6) Each person whose absence as a party in the proceeding concerning the (permit) decision would deny another party complete relief in the proceeding or who claims an interest related to the issuance of the permit and is so situated that the disposition of the matter, in the person's absence may:
 - a) As a practical matter impair or impede the person's ability to protect that interest, or
 - b) Leave any other person who is a party to a proceeding concerning the permit subject to a substantial risk of incurring multiple or otherwise an inconsistent obligation by reason of the person's claimed interest.

IC 4-21.5-3-5(f) provides that we may request your assistar	ce in identifying these people.			
Additionally, IC 13-15-3-1 requires IDEM to send notice that the permit application has been received by the department to the following: a) The board of county commissioners of a county affected by the permit application and b) The mayor of a city that is affected by the permit application, or c) The president of a town council of a town affected by the permit application.				
Please provide on the following form the names of those persons affected by these statutes, and include mailing labels with your NOI. These mailing labels should have the names and addresses of the affected parties along with our mailing code (65-42PS) listed above each affected party listing.				
Example:	65-42PS John Doe 111 Circle Drive City, State, Zip Code			
Part J, see instructions for Part B, Item 10, above.				